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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Yoshihiro Kawaoka
Title: VIRUSES COMPRISING MUTANT ION CHANNEL PROTEIN
Attorney Docket No.: 800.026US1

PATENT APPLICATION TRANSMITTAL

BOX PATENT APPLICATION

Commissioner for Patents
Washington, D.C. 20231

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- Return postcard.
 Utility Patent Application under 37 CFR § 1.53(b) comprising:
 Specification (47 pgs, including claims numbered 1 through 26 and a 1 page Abstract).
 Informal Drawing(s) (14 sheets).
 Unsigned Combined Declaration and Power of Attorney (3 pgs).
 Communication Under 37 C.F.R. § 1.821 (1 page).
 Sequence Listing (8 pages).
 Sequence Listing in ASCII computer readable form.

The filing fee (NOT ENCLOSED) will be calculated as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	27 - 20 =	7	x 9 =	\$63.00
INDEPENDENT CLAIMS	4 - 3 =	1	x 40 =	\$40.00
[X] MULTIPLE DEPENDENT CLAIMS PRESENTED				\$135.00
BASIC FEE				\$355.00
				TOTAL \$593.00

THE FILING FEE WILL BE PAID UPON RECEIPT OF THE NOTICE TO FILE MISSING PARTS.

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Customer Number **21186**

By: Janet E. Embretson
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"Express Mail" mailing label number: EL721275574US

Date of Deposit: April 12, 2001

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S/N Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yoshihiro Kawaoka

Examiner: Unknown

Serial No.: Unknown

Group Art Unit: Unknown

Filed: Herewith

Docket: 800.026US1

Title: VIRUSES COMPRISING MUTANT ION CHANNEL PROTEIN

COMMUNICATION UNDER 37 C.F.R. § 1.821

BOX PATENT APPLICATION

Commissioner for Patents

Washington, D.C. 20231

Sir:

A SEQUENCE LISTING, to conform the above-referenced application to the requirements of 37 C.F.R. §§ 1.821 through 1.825, is submitted herewith.

In accordance with 37 C.F.R. § 1.821(e), a copy of the above-submitted SEQUENCE LISTING in ASCII computer readable form is also submitted herewith. It is respectfully submitted that the contents of the paper version of the SEQUENCE LISTING and the computer readable form being submitted herewith are the same.

Respectfully submitted,

YOSHIHIRO KAWAOKA

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
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Date April 12, 2001

By 
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